

Questions of the Statistical Theory of
Radar (Vol II), by P. A. Bakut,
I. A. Bol'shakov, 827 pp.
RUSSIAN, bk, Voprosy Statisticheskoy
Teorii Radiolokatsii, Moscow, 1964,
pp 1-1079. P100053967-V
FTD-MT-65-47

Sci - Navigation, Communications, Detection
& Countermeasures
~~Feb 67~~

Mx Mar 67

320,056

Problems in the Statistics of National Income of
the USSR, 18 pp. (AF 1003076)

RUSSIAN, bk, Voprosy Statistiki Natsional'nogo
Dokhoda SSSR, by ~~XXXXXXXXXX~~ P. N. Moskvina,
Moskva, 1955, Encl to IR-1812-56.

USSR

Mar 57/CTS

44,554 ?

(3901-D/37).

Foreword, 1 p.

RUSSIAN, monograph, Voprosy statistiki rechi
[Problems of Speech Statistics], 1958, p 3.

*JPRS 6543

Sci-Misc

19 Aug 60

(DC-3901/37)

The Engineering Significance of the Statistical
Investigation of Speech, by L. A. Varshavskiy,
5 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, ~~1958~~ 1958,
pp 5-11.

JPRS 6543

Sci - Misc

Feb 61

138, 776

(DC-3901/37)

The Power Characteristics and the Correlation
Interval of Stochastic Signals, Particularly
Speech Signals, by N. A. Zheleznov, 14 pp.

RUSSIAN, bk, Voprosy Statistiki Rech, 1958,
pp 12-25.

JPRS 6543

Sci - Misc

Feb 61

138,777

(DC-3901/37)

The Use of Statistical Methods to Determine the
Phonetic Membership of an Individual Vowel Sound,
by L. A. Chistovich, 10 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 26-35.

JPRS 654A

Sci - Misc

Feb 61

138, 778

(DC-3901/37)

Statistics on the Time Distribution of Segments of
the Characteristic Utterance of Russian Vowels,
by M. F. Derkach, 5 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 36-39.

JPRS 6543

Sci - Misc

Feb 61

138, 771

(DC-3901/37)

Statistics of the Perception of Voiceless Stops
and Spirants as a Function of Their Duration, by
M. F. Derkach, 7 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 40-44.

JPRS 6543

Sci - Misc

Feb 61

138, 772

(DC-3901/37)

The Relationship Between Structural and Statistical
Methods in Modern Linguistics, by I. I. Revzin,
11 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 45-57.

JPRS 6543

Sci - Misc

Feb 61

138,773

(DC-3901/37)

Linguistic Probability, by L. R. Zinder, 3 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 58-61.

JPRS 6543

Sci - Misc

Feb 61

138,774

(DC-3901/37)

Probability Determination of Linguistic Time, by
V. V. Ivancov, 10 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 62-72.

JPRS 6543

Sci - Misc

Feb 61

138,783

(DC-3901/37)

The Use of Statistical Methods in the Experimental-
Phonetic and Psychological Study of Speech, by
V. A. Artemov, 10 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 73-84.

JPRS 6543

Sci - Misc

Feb 61

138,784

(DC-3901/37)

Some Problems in the Statistical Investigation of
Lexical Groups, by R. G. Piotrovskiy, 9 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 85-92.

JPRS 6543

Sci - Misc

Feb 61

138,785

(DC-3901/37)

On the Russian Frequency Dictionary, Based on
Material From Mathematics Texts, by Z. M.
Volotskaya, I. N. Shelinova, A. L. Shumilina, I. A.
Mel'chuk, T. N. Moloshnaya, 6 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 93-99.

JPRS 6543.

Sci - Misc

Feb 61

138, 786

(DC-3901/37)

The Statistical Investigation of Syllable
Structure, by Ye. V. Padusheva, 12 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 100-111.

JPRS 6543

Sci - Misc

Feb 61

138,779

(DC-3901/37)

Statistics on the Relationship Between Ending
and Gender of French Nouns, by I. A. Mal'chuk,
16 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 112-130.

JPRS 6543

Sci - Misc

Feb 61

138,780

(DC-3901/37)

The Structure of the Vietnamese Verb Syntagma,
by Yu. K. Lakontsev, 18 pp.

RUSSIAN, bk, Voprosy Statistiki Rechi, 1958,
pp 131-148.

JPRS 6543

Sci - Misc

Feb 61

138,781

Questions of Statistics of the Prime Cost of
Industrial Production, by D. I. Vaynshtenker,
18 pp.

RUSSIAN, bk, Voprosy Statistiki Sehestoimosti,
Promyshlennoy Produktii, Moscow, 1963,
pp 1-178.

JPRS 25273

USSR
Econ
Jul1964

262,641

The Calculation of Raifa Reflected Light,
by K. E. Baburin.

RUSSIAN, rpt, Voprosy Stroitel'noy Fiziki
v Proektirovaniy-Sbornik Statey, Moscow,
1939.

NLL Ref: 5196 1963 (1170) (loan)

Sci + Phys
Feb 64

248,600

Questions of Silicate Glass Structure, 1 pp.

RUSSIAN, bk, Voprosy Struktury Silikatnykh Stekol, Moscow
1954, Encl to IR-2015-55, AA Paris, May 1955. CIA D
241433.

RF 667394

USSR

Sci - Chemistry, silicate glass

(FDD 24348)

Questions of Examination in Legal Medicine (Table of Contents), by Prof M. I. Avleyev, Editor, 6 pp.

RUSSIAN, bk. ~~Yurkov-Sobolev-Milititsin~~
Ekspertizy. publ. by Gosudarstvennoye Izdatel'stvo

Shcheveleva, A. S.
FROTH FLOTATION OF LEAD-BEARING OXIDE
MINERALS OF COMPLEX COMPOSITION (Flotatsiya
Oksislennykh Svintsovykh Mineralov Slozhnogo Sostava).
Dec 61 [13]p. 6 refs. RTS 1865.
Order from OTS or SLA \$1. 60

62-13728

Trans. of mono. Voprosy Tekhnologii Dobyvaniya i
Obogashcheniya Poleznykh Iskopaemykh, Moscow, 1959,
p. 147-156.

DESCRIPTORS: *Lead compounds, *Oxides, *Minerals,
Chemical analysis, Flotation, Froth baths, Manufac-
turing methods.

The investigation was carried out with cerussite, angle-
site, wulfenite, pyromorphite, mimetite, beudanticite,
vanadinite, and plumbogaroite. All the minerals ex-
cept plumbogaroite react with sodium sulfide. With
(Metallurgy, TT, v. 7, no. 8) (over)

62-13728

- I. Shcheveleva, A. S.
- II. RTS-1865
- III. Department of Scientific and
Industrial Research
(G. Brit.)

201381

Office of Technical Services

Problems of Technology of Foundry Production
(Collection of Articles), 213pp
RUSSIAN, bk, Voprosy Tekhnologii Liteynogo
Proizvodstva, Moskva, 1961, pp 1-180. 9697480-V
~~FTD-MT-64-89~~
FTD-MT-64-89

Sci-B&M
Jul 65

263,552

Pressure Casting of Its Hydrodynamic
Foundations, by V. Ya. Tarutin, Ya. S.
Stebakov, 44 pp.

RUSSIAN, bk, Voprosy Tekhnologii Liteynogo
Proizvodstva, Trudy Instituta, No 49,
1961, pp 24-46. 9676162-V

FTD-TT-61-219/1

Sci - Engr

3 Apr 62

188,067

PPS-23 { OTS AD 273409
24-46 { OTS 62-23681

Casting of Large-Size Thin-Walled Parts by
the Directional Stage Crystallization Method,
by V. D. Khramov, Ye. V. Mishakov, 38 pp.

RUSSIAN, in, Voprosy Tekhnologii. Liteynogo
Proizvodstva, Trudy Instituta, No 49,
1961, pp 5-23. 9676162-V

FTD-TT-61-219

Sci - Eng

188,804

3 Apr 62

PP 5-23 OTS AD 273407
" 24-462 OTS 62-33671

Questions of Technology of Working Ore Deposits in
the Kola Peninsula, by L. I. Baron, 4 pp. UNCL

RUSSIAN, bk, Voprosy Tekhnologii Razrabotki Rudnykh
Mestorozhdeniy Kol'skogo Poluostrova, 1961.

CIA FDD/X-4791

USSR

Econ - Non-ferrous Metals Mining

Jan 62

176,779

Problems of Tectonics of Activated Zones of the
Earth's Crust, by D. A. Liliyenberg, Ye. A.
Fin'ko.

RUSSIAN, per, Voprosy Tektoniki Aktivizirovannykh
zon Zemnoy Kory, No 6, Nov-Dec 1962, Moscow,
pp 132-134.

XX 4010

Sci - Geophys

Feb 63

~~221,446~~
221,446

About a Method of Constructing Digital Differential
Analyzers, by L.A. Kozharskiy.

RUSSIAN, par, Voprosy Teorii Matematicheskikh Mashin,
No 1, 1958, pp 219-230. 9661859.

AFIC MEL 320/1-2

Sci Ingr
Jun 61.

155,510

Problems of Plasma Theory, by B. B. Kadomtsev,
211 pp.

RUSSIAN, per, Voprosy Teorii Plazmy, No 4,
1964, pp 188-339.

P100223158-V

FTD-HT-23-778-67

Sci/Phys
Sept 68

366,619

Problems in the Theory of Strong and Weak
Interactions of Elementary Particles,
by V. B. Berestetskiy.
RUSSIAN, bk, Voprosy Teorii Sil'nykh i
Slabykh Vzaimodeystviy Elementarnykh Chastits.
1962, 190 pp.

*CFSTI

AEC-Tr-6632

Sci - Chem
May 66

300,531

(SF-1019)

The Evolution of the Ideas of Favorakiy on the Passage of Chemical Reactions and the Contemporary Understanding of the Mechanisms of Favorakiy Reactions, by S. N. Danilov, 47 pp.

RUSSIAN, bk, Voprosy Teorii Stroeniya Organicheskikh Soedineniy, 1960, pp 7-51.

JPRS 11959

Sci - Chem

184, 759

Feb 62

(SF-1879)

The Development of the Works of A. E. Favorakiy in the Area of the Synthesis and Transformations of Acetylenic Hydrocarbons and Their Haloid Derivatives, by A. I. Zakharova, 16 pp.

RUSSIAN, bk, Voprosy Teorii Stroeniya Organicheskikh Soedineniy, 1960, pp 52-67.

JPAS 11959

Sci - Chem

184. 760

Feb 62

The Development of Works of A. E. Favorskiy in the
Area of Polymethylene Rings, by N. A. Bormin, R. Ch.
Molinskiy, V. A. Cherkasova, 62 pp.

RUSSIAN, Zh. Voprosy Teorii Stroeniya Organicheskikh
Soedineniy, 1960, pp 68-125.

JPRS 11959

Sol : Chem

Feb 62

184,761

(125-4019)

The Development by the Soviet School of Chemists of
the Ideas of A. Ye. Favorskiy in the Field of
Synthesizing the Terpenes and Related Compounds,
10 pp.

RUSSIAN, bk, Voprosy Teorii Stroeniya Organicheskikh
Soedineniy, 1960, pp 126-134.

JPRS 11959

Sci - Chem

184,762

Feb 62

(U-1379)

The Role of A. Ye. Favorakiy's Research in the
Synthesis of Isoprenoid Compounds, by L. A. Vinovskaya,
V. F. Rukhlov, 12 pp.

RUSSIAN, bk. Voprosy Teorii i Sinteza Organicheskikh
Soedineniy, 1960, pp 135-145.

JPRS 11959

Sci - Chem

Feb 62

184, 763

(SF-18/9)

Reaction Mechanisms of Alcohols and Glycols With
Dehydrating Agents, by T. A. Favorskaya, 19 pp.

RUSSIAN, bk, Voprosy Teorii i Stroeniya Organicheskikh
Soedineniy, 1960, pp 146-162.

JPRS 11959

Sci - Chem

Feb 62

184,764

(SF-1679)

Research in the Field of 2-Oxydihydrofurans-2,5, by
E. D. Venus-Danilova, 21 pp.

RUSSIAN, bk, Voprosy Teorii i Stroeniya Organicheskikh
Soedineniy, 1960, pp 163-182.

JPRS 11959

Sci - Chem

Feb 62

184,765

(SF-1879)

The Reaction of A. Ye. Favorakiy in the Synthesis
of Tertiary 1,2,5-Triols of the Acetylene Series, by
V. I. Nikitin, 16 pp.

RUSSIAN, bk, ~~Voprosy Teorii Stroeniya Organicheskikh~~
~~Soedineniy~~, 1960, pp 183-197.

JPES 11959

Sci - Chem

184, 766

Feb 62

(SF-1879)

Isomeric Transformations of Ketones, by T. Ye.
Zalazskaya, 13 pp.

RUSSIAN, bk, Voprosy Teorii Stroeniya Organicheskikh
Soedineniy, 1960, pp 198-209.

JPRS 11959

Sci - Chem

Feb 62

184,767

(SF-1879)

Problem of the Participation of Neighboring Groups
in Chemical Processes. Chemical Transformation of
α-Haloketones, by T. I. Tannikova, 15 pp.

RUSSIAN, bk, Voprosy Teorii Stroeniya Organicheskikh
Soedineniy, 1960, pp 210-223.

JPRS 11959

Sci - Chem

Feb 62

184.768

Problems of Theoretical Seismology and Physics of the
Earth's Interior, by V. A. Magnitskii, 148 pp.

RUSSIAN, bk, Voprosy Teoreticheskoi Seismologii i Fiziki
Zemnykh Nedr, Moscow, No 11 (178), 1960.

OTS 63-11178
FL-480 (NASA) TT-F-123
FY 63 (PST-814)
PP 121-132 - SPRS 6918

Sci - Physics
Sept 63

345, 380

61-19964

Egolyubov, N. N., Medvedev, B. V., and
 Polivanov, M. K.
 THEORY OF DISPERSION RELATIONS, tr. by
 S. G. Brush. [1961] 200p. 35 refs.
 Order from OTS or SLA \$13.50 UCRL Trans-499(L)

Trans. of mono. Voprosy Teorii Dispersionnykh
Sootnoshenii, Moscow, 1958, 200p.

DESCRIPTORS: *Quantum mechanics, *Particles,
 *Scattering

We conceived and sketched out this monograph in 1955
 as a detailed exposition--resembling in style more a
 textbook than a scientific paper--of the methods of
 dispersion relations, and the closely related questions
 of the spectral representation of Green's functions. In
 particular, the central point--the proof of the exist-
 ence of dispersion relations for the scattering of
 π -mesons on nucleons--was announced by one of us
 (N. N. B.) at an international conference in Seattle, in
 September 1956. (Author)

- I. Title: Dispersion relations
- I. Egolyubov, N. N.
- II. Medvedev, B. V.
- III. Polivanov, M. K.
- IV. UCRL Trans-499L
- V. Lawrence Radiation Lab.,
 U. of California, Berkeley

* CB

9082219

170810

Office of Technical Services

(Physics--Theoretical,
 TT, v. 6, no. 3)

Taft, V. A.
ELECTRICAL CIRCUITS WITH VARIABLE PARAMETERS, INCLUDING PULSED-CONTROL SYSTEMS
F. Immirzi, tr. 1964, 109p.
Order from MACM \$7.50

Trans. of mono. [Voprosy Teorii Elektricheskikh Tsipel s Peremennymi Parametrami i Sinteza Impul'snykh i Tsifrovyykh Avtomaticheskikh Regulyatorov, Moscow, 1960, 102p].

(Engineering--Electronic, TT, v. 12, no. 7)

TT-64-22503

I. Taft, V. A.
II. Pergamon Press, Inc.,
New York

Office of Technical Services

R

Problems and Theory in Chromium Plating.

RUSSIAN, bk, Voprosy i Teoriya Khromirovaniya,
Moscow, 1959.

*PL-480
NBS

Sci
Jun 64

Problems of the Theory of Linguistic Geography,
by R. I. Avanesov, et al., 245 pp.

RUSSIAN, bk, Voprosy teorii lingvisticheskoy
geografii, 1962, pp. 1-254.

JPRS 31853

USSR
Geog
Sept 65

286,073

The Theory of Mathematical Machines, by
Yu. Ya. Bazilevskiy, 264 pp.

RUSSIAN, bk, Voprosy Teorii Matematicheskikh
Mashin, 1958, Moscow.

The Macmillan Co.

Sci

CIA Call No. QA
76
.V9
E5

A Method of Constructing Digital Differential
Analyzers, by L. A. Kozharskiy. UNCL

RUSSIAN, bk, Voprosy Teorii Matematicheskikh
Mashin; Sbornik Pervyy, Vol I, 1958, pp 219-
231.

*ATIC MCL-320/V
Pergamon Press (full trans)

Sci - *math*
Telecom 41775
Aug 59

med

Problems of the Theory and Method of
Geophysical Investigations,
by G. Ya. Golizora.
RUSSIAN, bk, Voprosy Teorii i Metodiki
Geofizicheskikh Issledovaniy, 1963,
Issue 5 (7).
ACIC-TC-857a

Sci/ Earth Sci
Jul 65

283,736

Problems of the Theory & Method of
Geoph. Investigations, by Yu. G. Garasimov.
RUSSIAN, bk, Voprosy Teorii i Metodiki
Geofizicheskikh Issledovaniy, 1963.
ACIC-TC-857b

Sci/Earth Sci
Jul 65

283,737

Questions of the Theory of Plasma,
255 pp.

RUSSIAN, bk. Voprosy Teorii Plazmy,
No 1, 1963, pp 98-285.

PTD-MT-64-412

65

Sci - Phys
Sept 65

289,914

Problems of Plasma Theory, by T. F. Volkov, et al.
RUSKIAN, monograph, Voprosy Teorii Plazmy, Vol IV,
1964, pp 1-167.
MASH TT P-9274

Sci-Flye
Jun 65

281,044

Plasma Turbulence, by B. B. Kadomtsev,
RUSSIAN, per, Voprosy Teorii Plasmy,
No 4, 1964, pp 188-339.
*FTD HT 23-778-67

Sci-Phys
May 67

Questions in Plasma Theory, Nos. 4 - 5,
by M. A. Leontovich.

RUSSIAN, mono, Voprosy Teorii Plasmy, Nos. *Parts*
4 - 5, Moscow, 1964.

*CB

Sci-B & M S
May 64

No 4 - *NASA-9274

T/C of "Problems of Theory and Practice of Electroencephalography, by N. V. Golikov, V. N. Myasishchev

RUSSIAN, MONOGRAPH, Voprosy Teorii i Praktiki Elektroentsefalografii, Leningrad, 1956, p 259

~~NY 1208~~

DC 1108

Table of Contents (Problems on the Theory and Practice
of Casting Productions)

RUSSIAN, bk, Voprosy Teorii i Praktiki Liteinogo
Proizvodstva, No 60, publ by Mashgiz, 1956, Encl to
IR-1639-56, ATI Directorate.

AT 1057991

USSR

5 Sep 57

(see back of card for this info)

Artificial Freezing of Soils, Theory and
Practice, by Kh. R. Khakimov, 190 pp
RUSSIAN, bk, Voprosy Teoriy i Praktiki Iskusst-
vennogo Zamorazhivaniya Gruntov, 1957, pp 1-118.
CFSTI TT 66-51051

Sci-Agri
Feb 67

319,109

O-183/64

(NV-9516)

NY-9519

~~SKRIZHANI, Dr. Voprosy Teorii i Primeneniya Radiofiziki
Sankt. Peterburg, 1904, pp 1-270.~~

SECRET, 1945. 00 7-241

2001年12月26日

第20日：修律

Problems of the Theory of Destruction
of Rocks by Explosives, 223 pp.

RUSSIAN, monograph, Voprosy Teorii
Razrusheniya Gornykh Pechod
Rayonnykh Verzha, 1958.

HE

SLA 60-23546

Sci

Vol IV, No 11
Jun 62

199, 260

Problems in the Theory of Strong and Weak
Interactions of Elementary Particles, by
V. B. Berestetskiy.

RUSSIAN, bk, Voprosy Teorii Sil'nykh i
Slabykh Vzaimodeystviy Elementarnykh
Chastits, 1960, pp 190.

*SFCSI

Sci-B/M
Mar 65

Contributions to the Theory of Weak and Strong
Interactions of Elementary Particles,
by B. V. Derestetskiy.

RUSSIAN, bk, Voprosy Teorii Sil'nykh i Slabykh
Vzaimodeistvii Elementarnykh Chastits.

Nor-Amberd, 3-14 April 1961.

AEC-tr-6632

CFSTI TT-66-51003

Sci - NS

Jul 66

308,354

(SF-1879)

Concerning the Application of the Idea of A. Ye. Favorskiy and the Reactions Discovered by Him to the Chemistry of Steroid Compounds, by A. A. Akhrem, 21 pp.

RUSSIAN, bk, Voprosy Teorii Stroeniya Organicheskikh Soedineniy, 1960, pp 224-240.

JPRS 11959

Sci - Chem

182,590

Feb 62

Bogdanov, O. S., Podnek, A. K. and others.
THEORETICAL AND TECHNOLOGICAL PROBLEMS
OF FLOTATION. [1960] 4p. Warren Spring Lab.
NT 789; M2043.
Order from LC or SLA m\$1.80, ph\$1.80 61-13403

Trans. of mono. Voprosy Teorii i Tekhnologii-
Flotatsii, Leningrad, 1959, table of contents.

148,705

(Metallurgy--Ferrous Metals, TT, v: 5, no. 7)

61-13403

- I. Flotation--Theory
- I. Bogdanov, O. S.
- II. Podnek, A. K.
- III. DSIR NT-769
- IV. DSIR LIU M. 2043
- V. Department of Scientific and
Industrial Research
(Gt. Brit.)

Office of Technical Services

Aspects of the Theory of Heat Resistance of Metals
and Alloys, by K. A. Osipov, 249 pp.

RUSSIAN, bk, Voprosy Teorii Zharoprochnosti Metallov
i Splavov, 1960.

OTS 60-51083

PL-480

Dept of Int

TN7 E57 11.668

194, 206

Sci - MLN/Met

May 62

PST 387

Problems of Heat Transfer, by M. A. Mikheyev.

RUSSIAN, bk. Voprosy Teploobmena, 1959, 246 pp.

9097853

AEC Tr-4511

Sci.- Phys

Mar 62

List 63

³
188,947

Development of Heat Transfer Research in the Last
40 years, by M. A. Mikhayev, 12 pp.

RUSSIAN, bk, Voprosy Teploobmena, 1959. 909 4342

CIA/FDD X-4776

Sci - Phys

NSF TT-2

175,622

Dec 61

Thermophysical Properties of Certain Metals
and Alloys in the Molten State, by N. A.
Nikol'skiy, N. A. Kalakutskaya, I. M.
Pobelkin, et. al., 62 64 pp.

RUSSIAN, bk, Voprosy Teploobmena, 1960, no 11-15.
9670700

FTD MCL-714/1

Sci - Phys

1 Sept 61

165,915

Convective and Radiative Heat-Exchange in an
Absorbing Medium, by E. A. Sidonov, 9 pp.

RUSSIAN, bk, Voprosy Teploobmena, 1959, p 49.

CIA/FDD X-4777

Sci - Phys

NSF TT-3

175,623

Dec 61

61-23661

Minashin, V. E., Subbotin, V. I. and others.
MICRO-THERMOCOUPLES USED FOR RESEARCH ON
HEAT TRANSFER (Primenenie Mikrotermopar v
Issledovanii Teploobdacha). July 61 [12]p. RTS 1874.
Order from OTS or SLA \$1.60 61-23661

Trans. of mono. Yprossy Teploobmena (Problems of
Heat Exchange) Moscow, 1959, p. 193-199.

DESCRIPTORS: *Heat transfer, *Thermocouples, Wire,
Thermoelectricity, Arc welding, Heat resistant alloys,
Electric insulation, Welding.

Information is presented on (1) a method of welding fine
thermocouples by means of an arc formed by the dis-
charge of a bank of condensers between metal foil and
the thermoelectrodes, (2) the technology for manufac-
turing micro-thermocouples and cementing them to heat
exchange surfaces, and (3) the technology for applying
heat resistant aluminum insulation to thermoelectrode
wire.

(Physics--Thermodynamics, TT, v. 6, no. 4)

- I. Minashin, V. E.
- II. Subbotin, V. I.
- III. RTS-1874
- IV. Department of Scientific
and Industrial Research
(Gt. Brit.)
- V. Title: Problems...

1777773

Office of Technical Services

Problems of Heat Transfer and Hydraulics of Two
Phase Media, 429 pp. POST EDITED

RUSSIAN, bk, Voprosy Teplootdachi i Gidravliki
Drukhnaznykh Sred, Moscow, 1961, pp 1-392.
9695335

FTD-MT-64-271
GOV'T USE ONLY

Sci- Engr
Nov 64

269,300

Experimental Investigation of Heat Transfer in Film Boiling on Horizontal and Vertical Tubes in a Large Volume of Liquid, by V. Borishanskiy.

RUSSIAN, bk, Voprosy Teplootdachi i Gidravliki
Dvukhfaznykh Sred, Sbornik Statey, Moscow, 1961,
~~XXXXXX~~ pp 128-138.

*FTD-TT-62-1658

Sci - Phys
27 Nov 62

Conditions of Similarity of Heat Transfer Processes
for Fluids with Variable Properties, by I. I.
Novikov.

RUSSIAN, bk, Voprosy Teploobdachi i Gidravliki
Dvukhfaznykh Sred; Sbornik Stateli, Moscow, 1961,
392 pp.

*FTD-TT-65-82
*

Sci
Engr
Jan 63

Problems of Heat Transfer During a Change of State:
A Collection of Articles, by S. S. Kutateladze.

RUSSIAN, bk, Voprosy Teploobmena Pri Izmenenii
Aggregatsionnogo Sostoyaniya Veshchestva: Sbornik State,
Moscow, 1953.

AEC 3405

Sci - Phys

Dec 58

77,456

S-601/62

Counter and Generator of Aeroions, by N. G. Yushchenko,
M. G. Butsik, (SF-2343).

RUSSIAN, bk, Voprosy Terapii Zlokachestvennykh
Opukholey, 1961, pp 157-163.

*JPRS

Sci - Med
30 Aug 62

S-601/62

The Effect of Vitamin B6 (Pyridoxine) on the Growth
of Tumors in Experimental Animals, by N. Ya. Dzyubko,
(SF-2343).

RUSSIAN, bk, Voprosy Terapii Zlokachestvennykh Opukholey,
1961, pp 264-267.

*JPRS

Sci - Med
30 Aug 62

S-601/62

A Study of Conditions Which Obstruct the Stimulating Effect of Surgical Trauma on the Growth and Metastization of Tumors, by L. F. Arendarevskiy, (SF-2343).

RUSSIAN, bk, Voprosy Terapii Zlokachestvennykh Opukholey, 1961, pp 268-274.

*JPRS

Sci - Med
30 Aug 62

S-601/62

T of C, (SF-2343).

RUSSIAN, bk, Voprosy Terapii Zlokachestvennykh
Opukholey, 1961, pp 275-276.

*JPRS

Sci - Med
30 Aug 62

Problems of Thermoelasticity, by
Vitol'd Novatskiy.
RUSSIAN, bk, Voprosy Termouprugosti,
1962, 364 pp.
NASA TT F-12,284

Sci-Phys
Oct 69

393,428

Toxicology Problems of Radioactive Materials, by
D. I. Zakutinskiy, 118 pp.

RUSSIAN, bk, Voprosy Toksikologii Radioaktivnykh
Veshchestv, 1959, 152 pp.

AEC Tr 4031

Sci - Med
Aug 60

125,155

(8P-2100)

Questions of Toxoplasmosis, 54 pp.

RUSSIAN, pan, Voprosy Toksoplazmoza, 1961,
69 pp.

JPRS 12834

Sci - Med

Mar 62

187,972

Request translation check 21-8-33 FTD BT69-1-1794T

Theory of heat transfer during friction of metals on
thermoplastics under heavy loads

A I Leonov, V A Mustafayev

Vop. Treniya Probl. Smazki, 1968, 87-97

In process as

MT-24-361-69

*negative
8 Sept 69*

S-836/61

The Significance of Changes Which Arise in the
Irradiated Aqueous Medium During the Process of
~~XXX~~ Injuring Cells by Ionizing Radiation, by
E. Ya. Grayevskiy, A. I. Shul'mina, (NY-6905)

RUSSIAN, bk, Voprosy Tsitologii i Obshchey Fiziologii,
1960, pp 80-85.

*JPRS

Sci - Biol
16 Jan 62

S-836/61

Cytochemical Signs of Radiobiological Reactivity of
the Nervous System and Their Functional Significance,
by A. L. Shabadash, (NY-6905)

RUSSIAN, bk, Voprosy Tsitologii i Obshchey Fiziologii,
1960, pp 368-381.

*JPRS

Sci - Bio
16 Jan 62

S-836/61

Effect of Radiation on Biological Phenomena, by
E. Ernst, (NY-6905)

RUSSIAN, bk, Voprosy Tsitologii i Obshchey Fiziologii
1960, ~~XXXXXX~~ pp 382-390.

*JPRS

Sci - Biol
16 Jan 62

S-10/60

(NY-675).

Bibliography on Labor and Wages,

RUSSIAN, per, Voprosy truda Nauchno-Issledovatel'skiy
Institut, No 1, 1958, pp 208.

*JPRS

USSR

Econ; Labor

12 May 1960

~~(MX-6138)~~
(NY-6905)

SIGNIFICANCE OF CHANGES ORIGINATING IN AN IRRADIATED
AQUEOUS MEDIUM DURING THE ~~R~~ PROCESS OF INJURING CELLS
BY IONIZING RADIATION, BY E. YA. GRAYEVSKIY, A. I. SHUL-
MINA, 11 PP.

RUSSIAN, PER, VOPROSY TSITOLOG I OBSHCH FIZ,
1960, PP 80-85.

JPRS 12921

SCI - MED
MAR 62

185,645

(NY-#6905)

CYTOCHEMICAL SIGNS OF RADIOBIOLOGICAL REACTIVITY
OF THE NERVOUS SYSTEM AND THEIR FUNCTIONAL SIGNIFI-
CANCE, BY A. L. SHABADASH, 22 PP.

RUSSIAN, PER, VOPROSY TSITOLOG I OBSHCH FIZ,
1960, PP 368-381.

JPRS L2921

SCI - MED

MAR 62

185,646

(NY-6905)

THE EFFECT OF RADIATION ON BIOLOGICAL PHENOMENA,
BY E. ERNST, 12 PP.

RUSSIAN, PER, VOPROSY TSITOLOG I OBNCH FIZ,
1960, PP382-390.

JPRS 12/21

SCI - BIOL

MAR 62

185,647

Problems of Cytology and Protistology, 372 pp.

RUSSIAN, bk, Voprosy Tsitologii i Protistologii,
Sbornik Rabot, 1960.

OTS 61-31010
PL-480

Sci - Biol

Jan 62

PRT 545

pp 285-312 NLL RTS R46

198,062

The Cytology of the Life Cycle of the Coccidium
of a Rabbit, by E. M. Kheisin.

RUSSIAN, per, Voprosy Tsitolog i Protozoologii
1960, pp 258-276.

MLL/RIS 1979

Sci - Biol

Apr 62

193, 831

A Cytological Investigation of the Various Stages
in the Life Cycle of the Rabbit Coccidium,
by T. V. Deier.

RUSSIAN, per, Voprosy Tselolog i Protozoolog,
1960, pp 277-284.

ALL/REB 1980

Sci -- Biol

Apr 62

193, 832

Spreading of a High-Altitude Source Impurity, by
G. Kh. Tseitin.

RUSSIAN, rpt, Voprosy Turbulentnoi Diffuzii v
Prizemnoe Sloe Atmosfery, 1963, pp 8-33.

NTC 72-14101-04A

Jan 73

Effects of Wind Speed and Ejection Conditions on
the Diffusion of Impurities in the Atmosphere, by
A. S. Pashkovskii.

RUSSIAN, rpt, Voprosy Turbulentnoi Diffuzii v
Prizemnoe Sloe Atmosfery, 1963, pp 70-73.
NTC 72-14100-04A

Jan 73

Turbulent Diffusion in the Surface Layer of
the Earth's Atmosphere, 319 pp.,
RUSSIAN, bk, Voprosy Turbulentnoy Diffuzii
v Prizemnom Sloye Atmosfery, No 15, 1963,
Leningrad University, pp 1-240.
JPRS 24490

Sci - Ear Sci
May 64

259, 104.

Problems of Turbulent Deffusion in the Surface Layer
of the Atmosphere, 172 pp.

RUSSIAN, bk, Voprosy Turbulentnoy Diffuzii v Prizemnom
Sloye Atmosfery, Trudy Leningradskiy Gedrometeorolog-
icheskiy Institute, Leningrade 1963, pp 3-201.

JPRS 28,188

No. 18

Sci - Earth Sci
Jan 65

Development : Trends in the Production of Chemical
Current Sources, by I. Fabionavichyus, 7 pp.

RUSSIAN, lit, Voprosy Usovershenstvovaniya
Gal'vanopalkrytiy, 1961, pp 108-113.

ACSI I-2710
ID 2235135

Sci - Chem
Jul 63

238,414

Questionf on Stability of Slopes (Voprosy
Ustoichivosti Sklonov),

RUSSIAN, bk, Trudy Laboratorii ^{riya} ~~na~~ Hidrogeologicheskikh
Problem, Ak Nauk SSSR, No ?, 1961, 98 pp.

*CB

Sci
16 Aug 62

R-2538

(NY-2918).

Problems of the Ruble Exchange Rate, by I. P.
Ayzenberg, 26 pp.

RUSSIAN, bk, Voprosy Valyutnogo Kurse Rublya, Moscow,
1958, pp 138-158.

JPRS-L-1035-N

USSR

Econ - Exchange Rate
Nov 59

101, 641

Wind Gustiness Within an Hourly Interval, by I. D.
Andreyev, 11 pp.

RUSSIAN, rpt, Voprosy Vetroenergetiki, 1959,
pp 5-10.

ABC SCI.-T-360

Sci- Geophys
Oct 61

171, 233

OTS-64-13981

List 59